

Fig. 1

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Fig. 2A



TTGGGATTCCAGGCATGCATGACCAGGCTCAGCTAATTTTGTGTTTTTGGTAGAGACGGGGTTTACCATATTGGC
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Fig. 2B

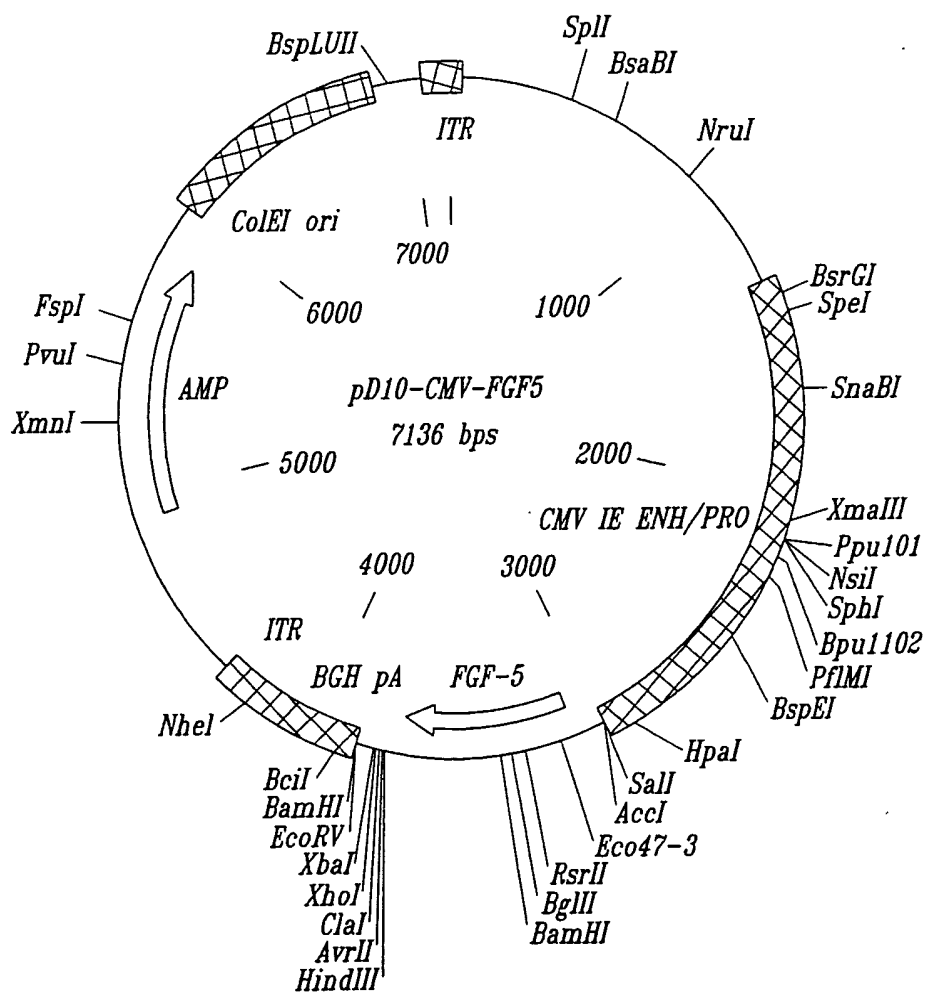


Fig. 3

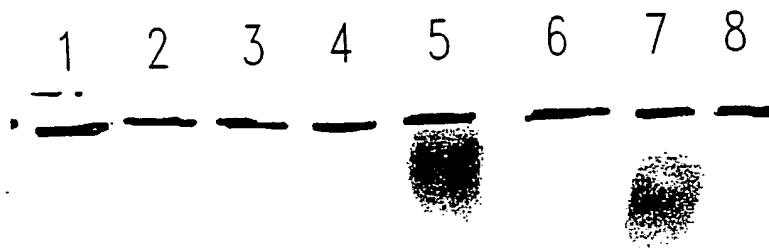


Fig. 4



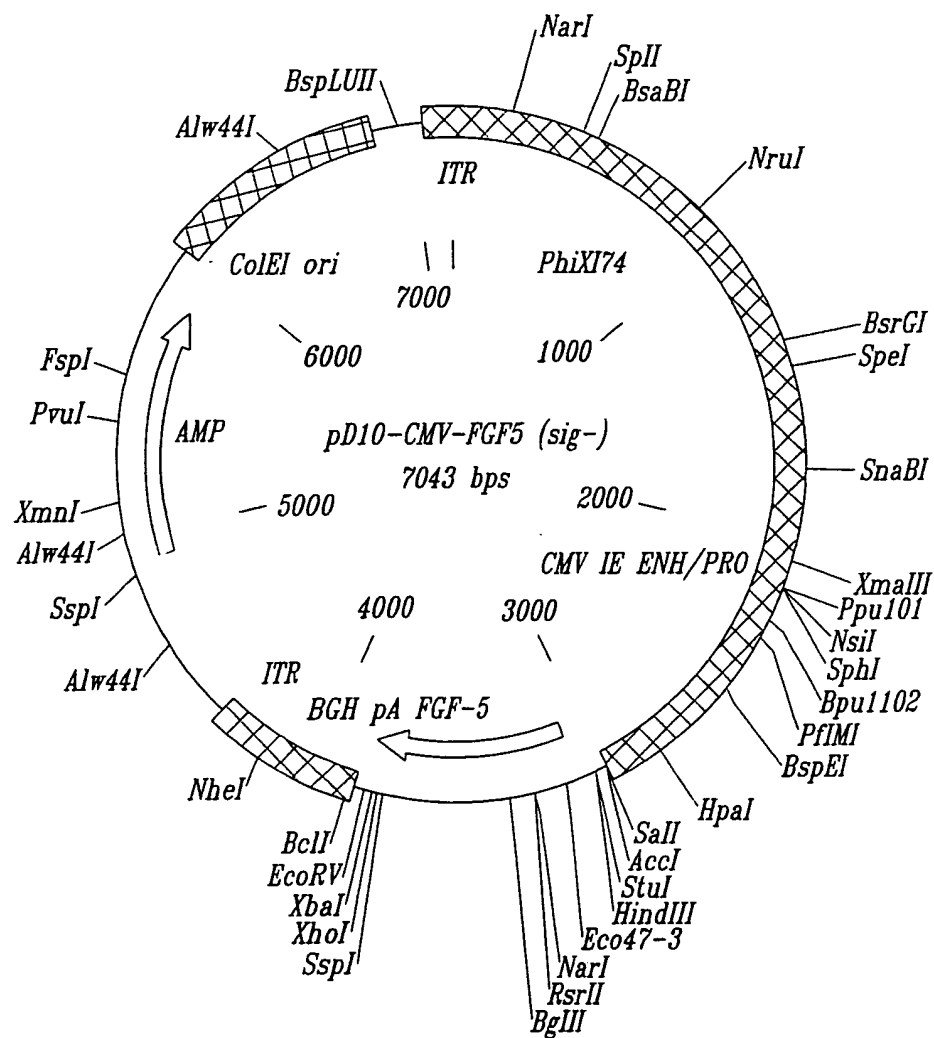


Fig. 5



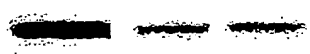
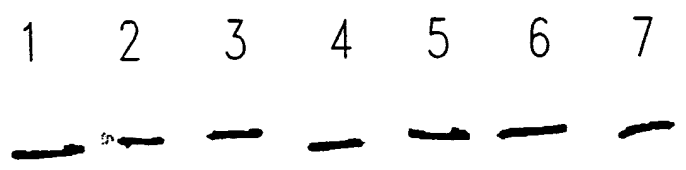


Fig. 6



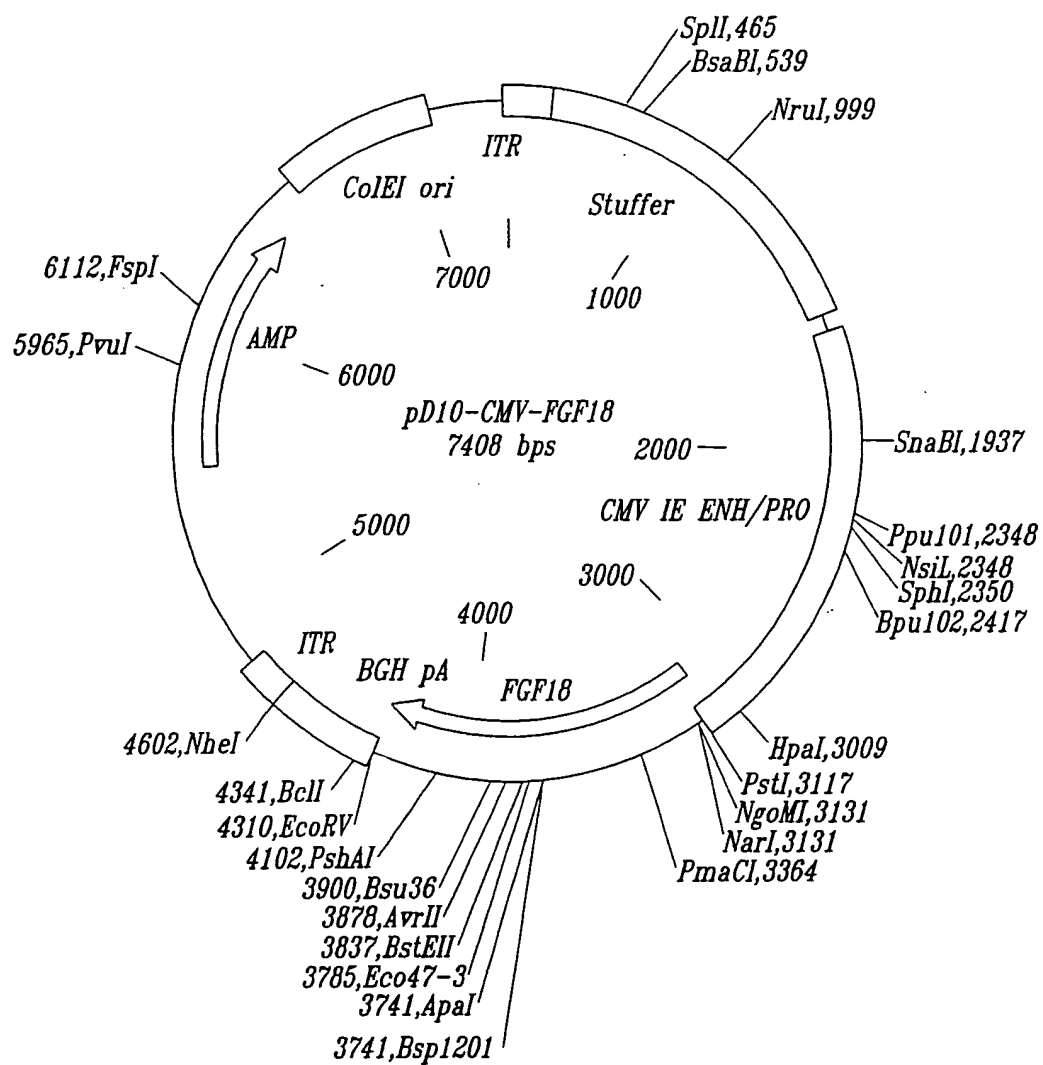


Fig. 7

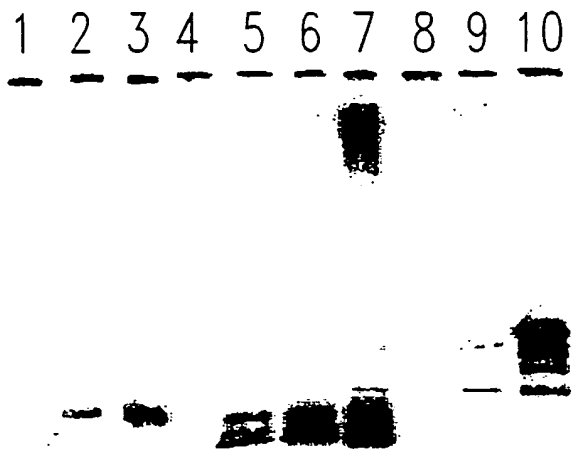


Fig. 8

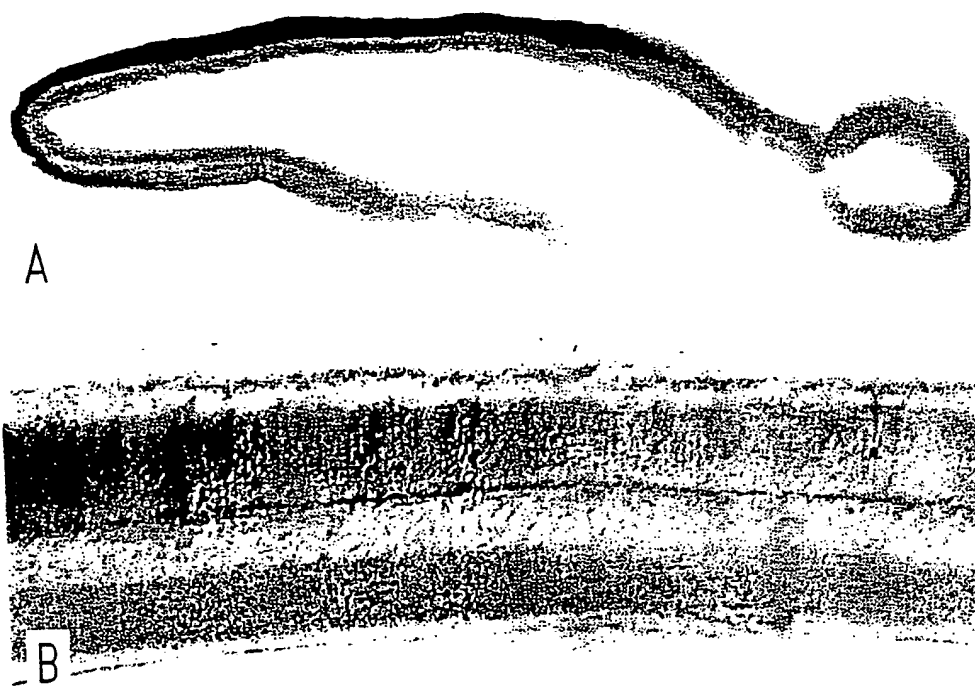
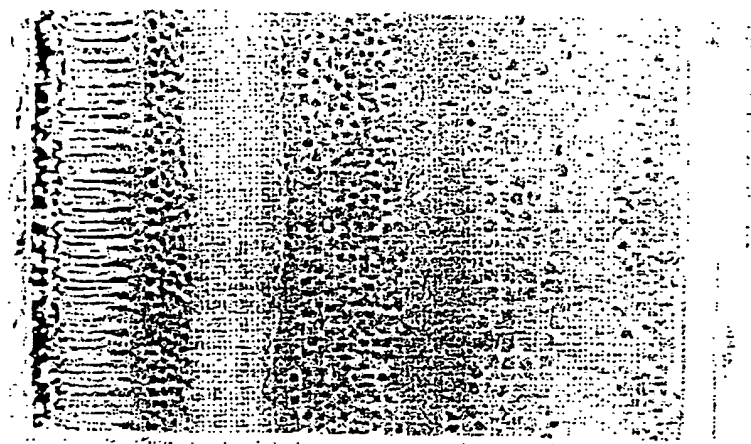


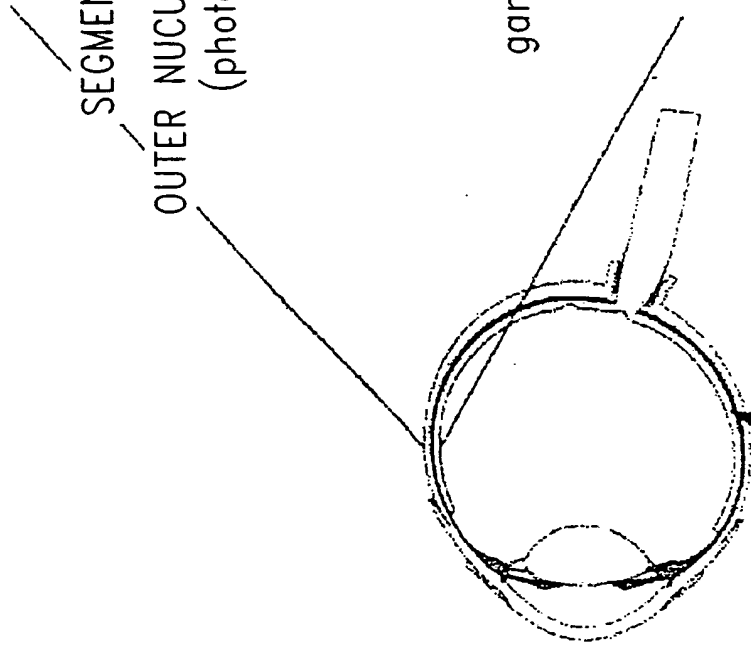
Fig. 9





OUTER SEGMENTS —
INNER —
OUTER NUCLEAR LAYER
(photoreceptors)

ganglion cells

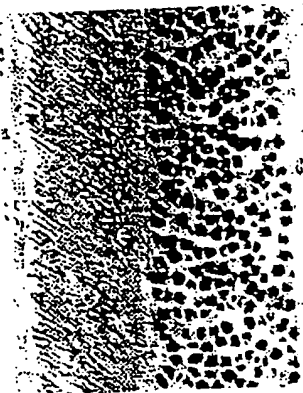


RETINA

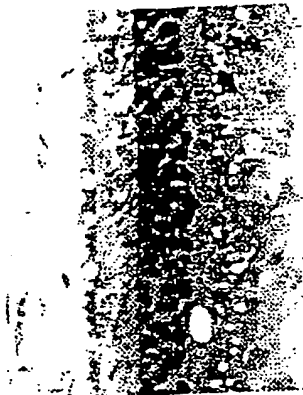
Fig. 10

RETINAL PIGMENT EPITHELIUM
 OUTER SEGMENTS
 INNER SEGMENTS
 OUTER NUCLEAR LAYER
 INNER NUCLEAR LAYER

A



B



GANGLION CELLS

WILD TYPE

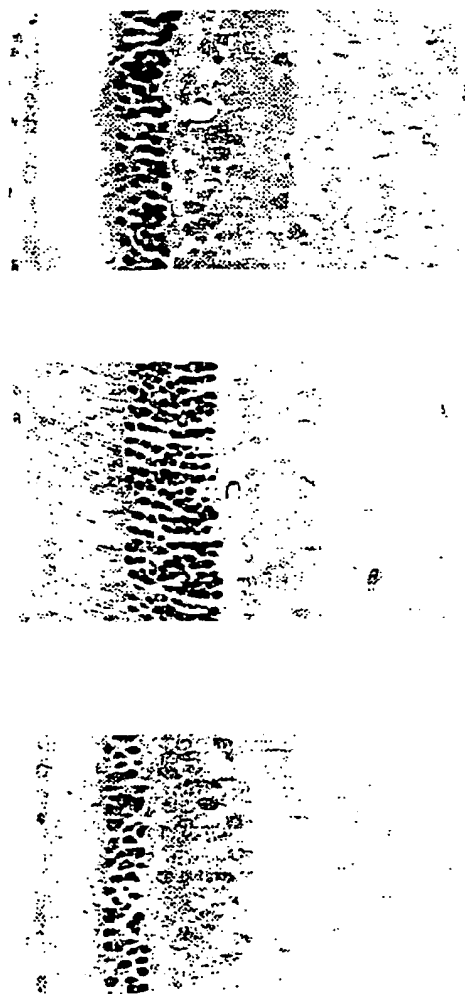
DEGENERATED S334ter

Fig. 11

DEGENERATED S334ter FGF-2 inj S334ter PBS inj S334ter

RPE
OUTER SEGMENTS
INNER SEGMENTS
OUTER NUCULAR LAYER
(PHOTORECEPTORS)
INNER NUCULAR LAYER

GANGLION CELL LAYER



A B C

Fig. 12



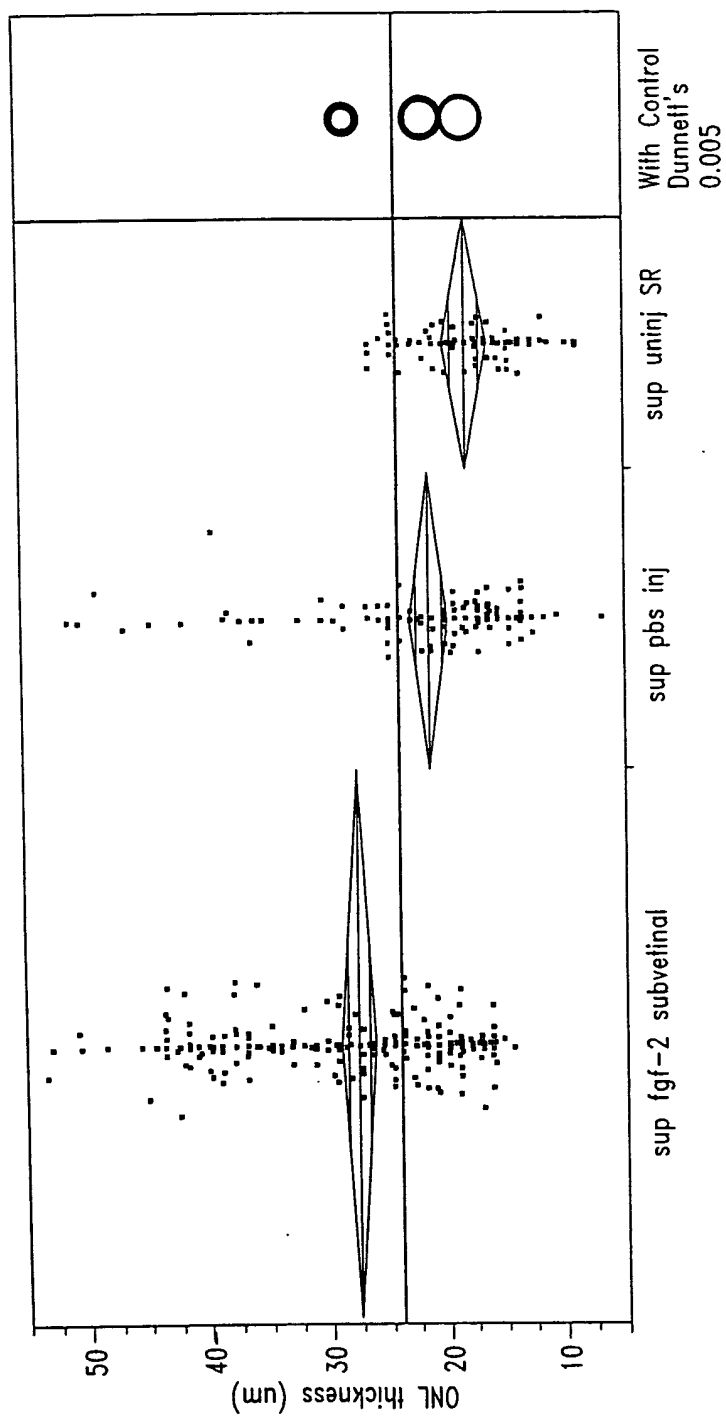


Fig. 13

OUTER NUCLEAR LAYER THICKNESS AT p60

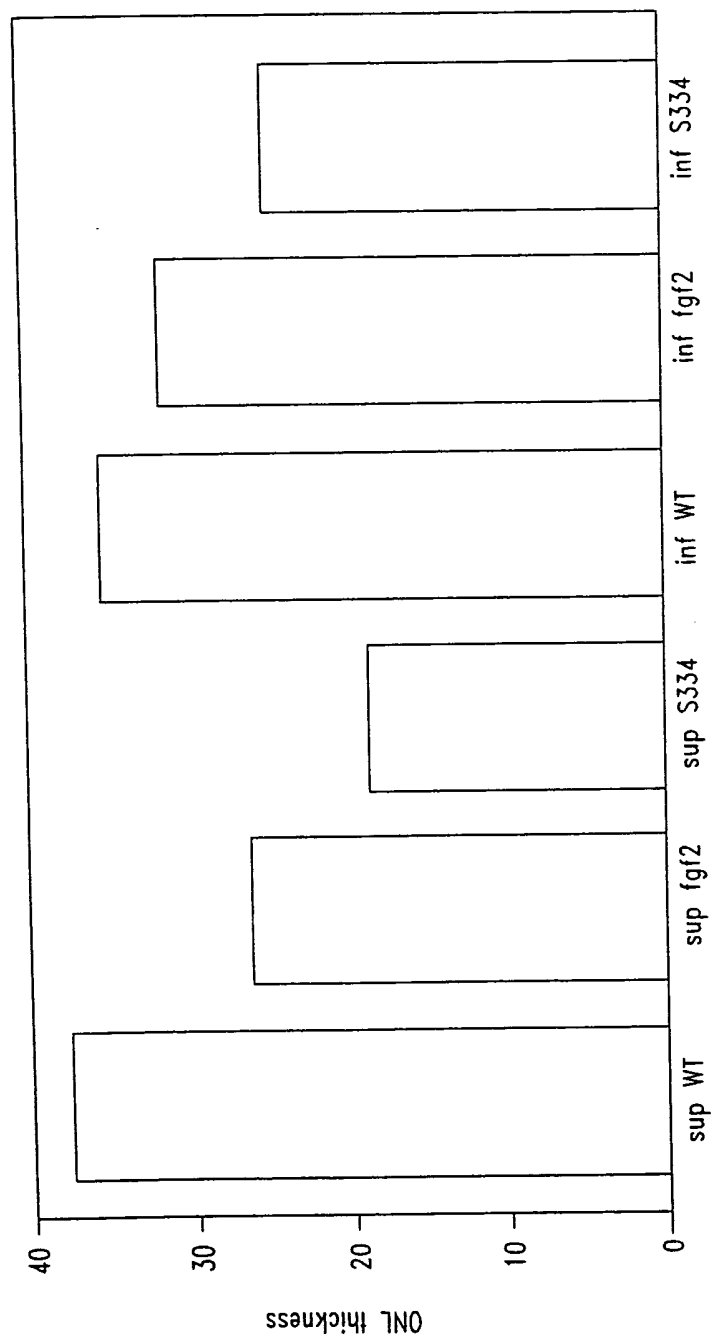
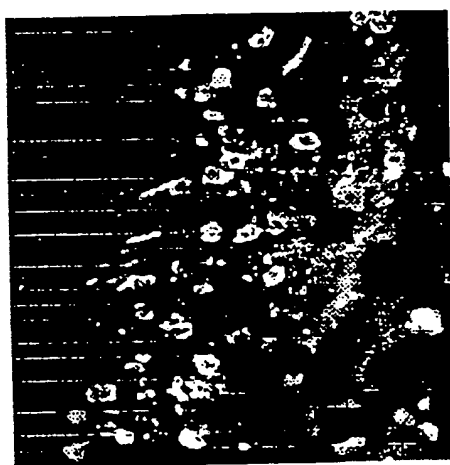
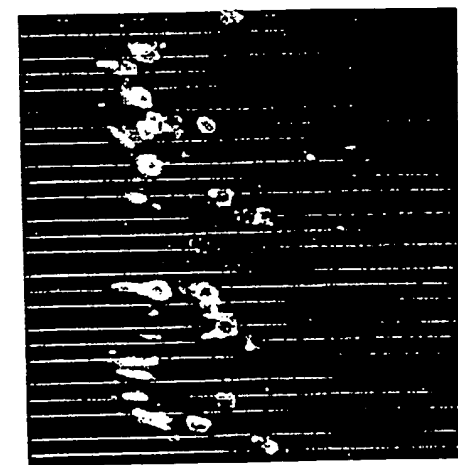


Fig. 14

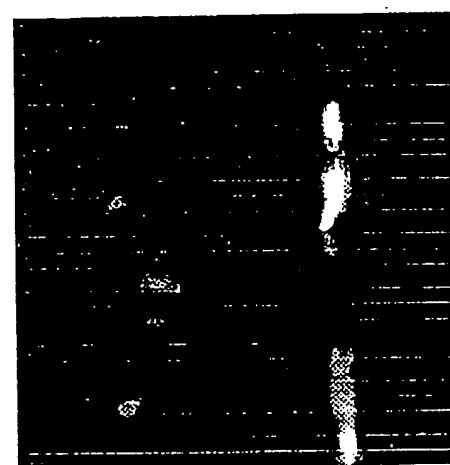


A



B

photoreceptors



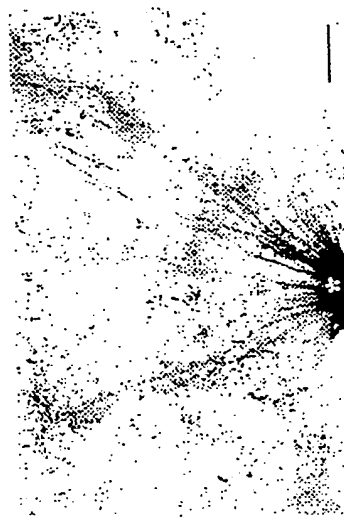
C

bipolar cells

ganglion cells

Fig. 15

AAV-LacZ Transduction of Retinal Ganglia



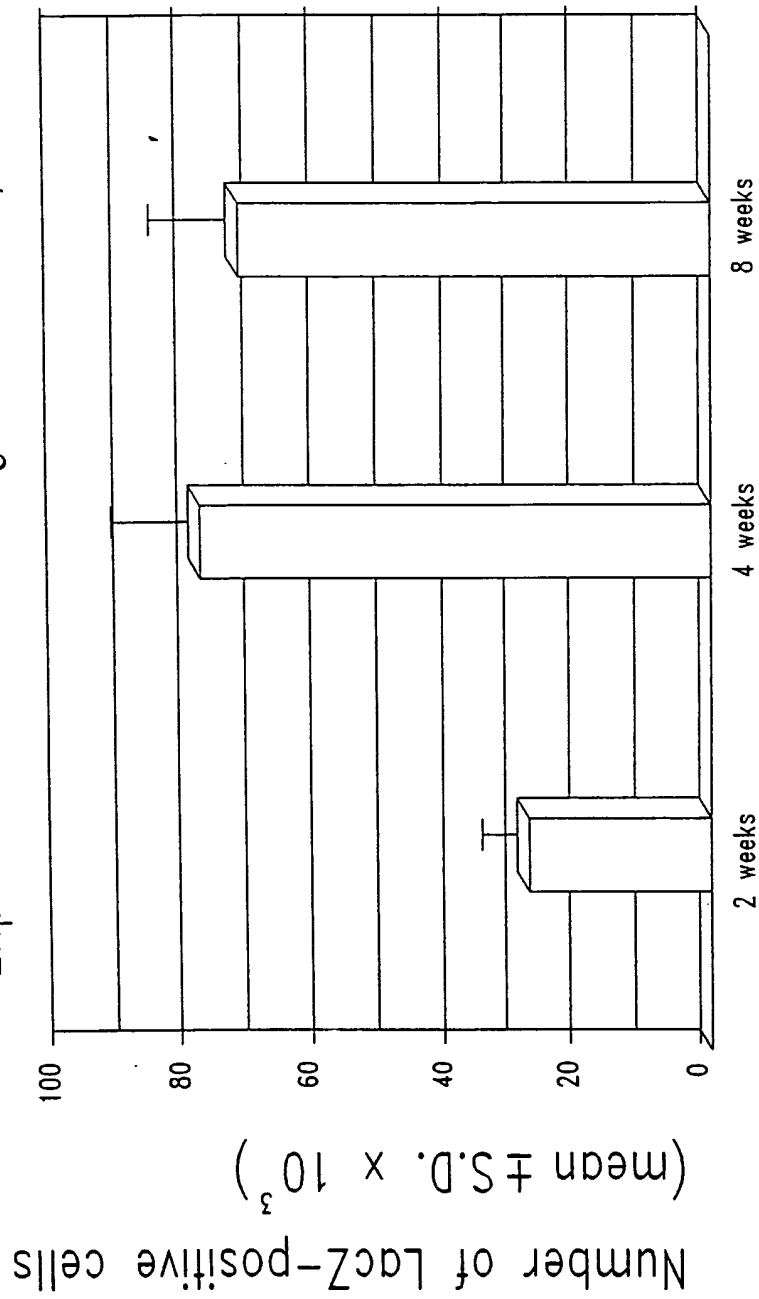
A



B

Fig. 16

Time Course of AAV-Medicated Transgene Expression in the Ganglion Cell layer



Time after intraocular injection of AAV

Fig. 17



Localization of AAV-Medicated LacZ Gene Product
in Retrograde Labeled RCG

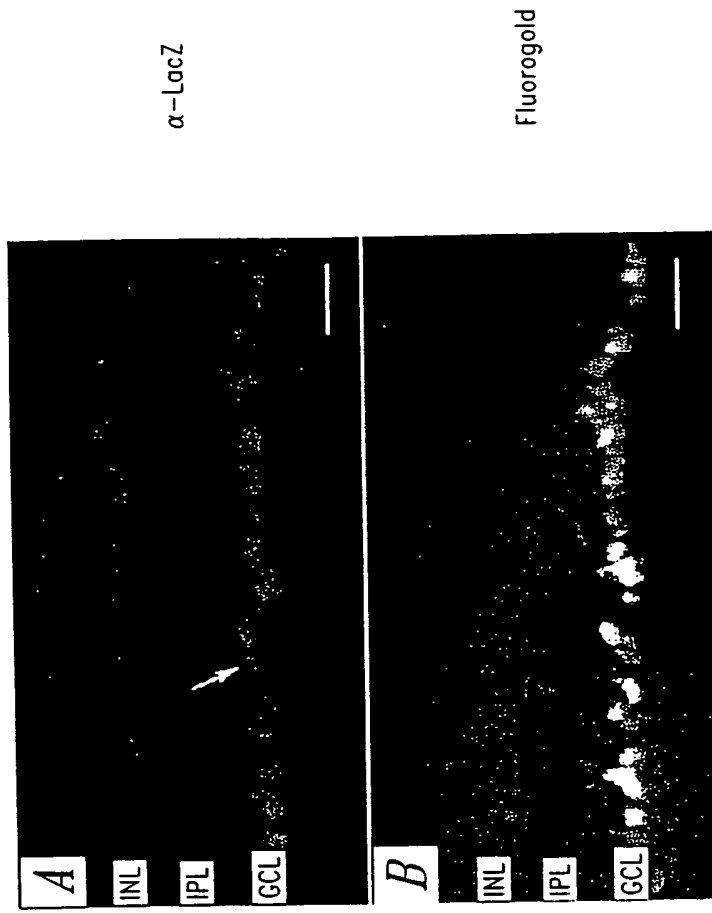


Fig. 18

Quantification of Flourogold and LacZ Positive Cells in the Ganglion Cell Layer Following Intravitreal Injection of rAAV-LacZ

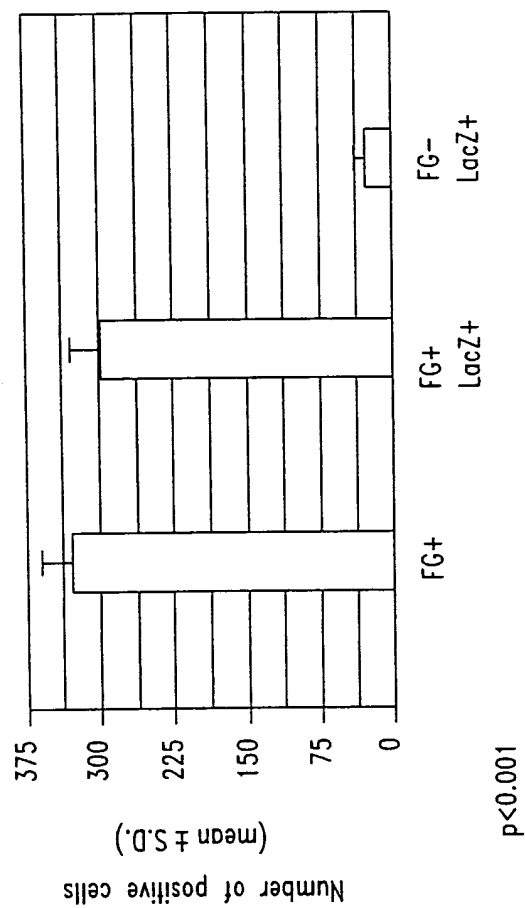


Fig. 19

Localization of Heparin sulfate Proteoglycan, the Cellular Receptor for AAV, in the Adult Rat Retina

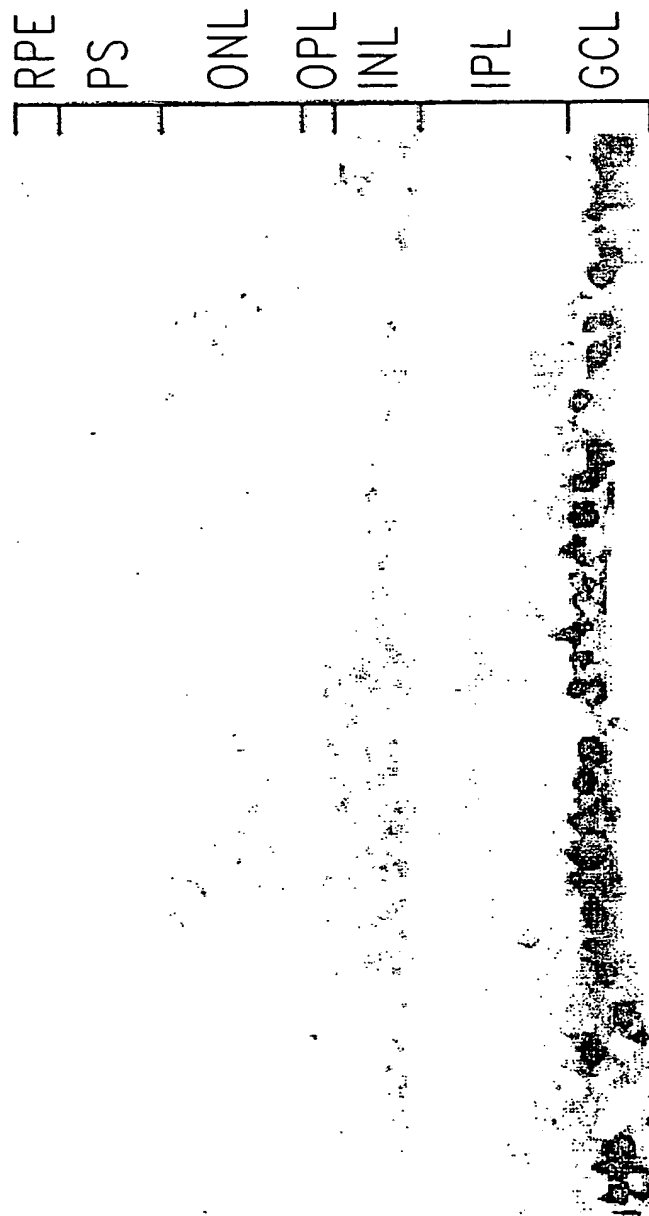


Fig. 20

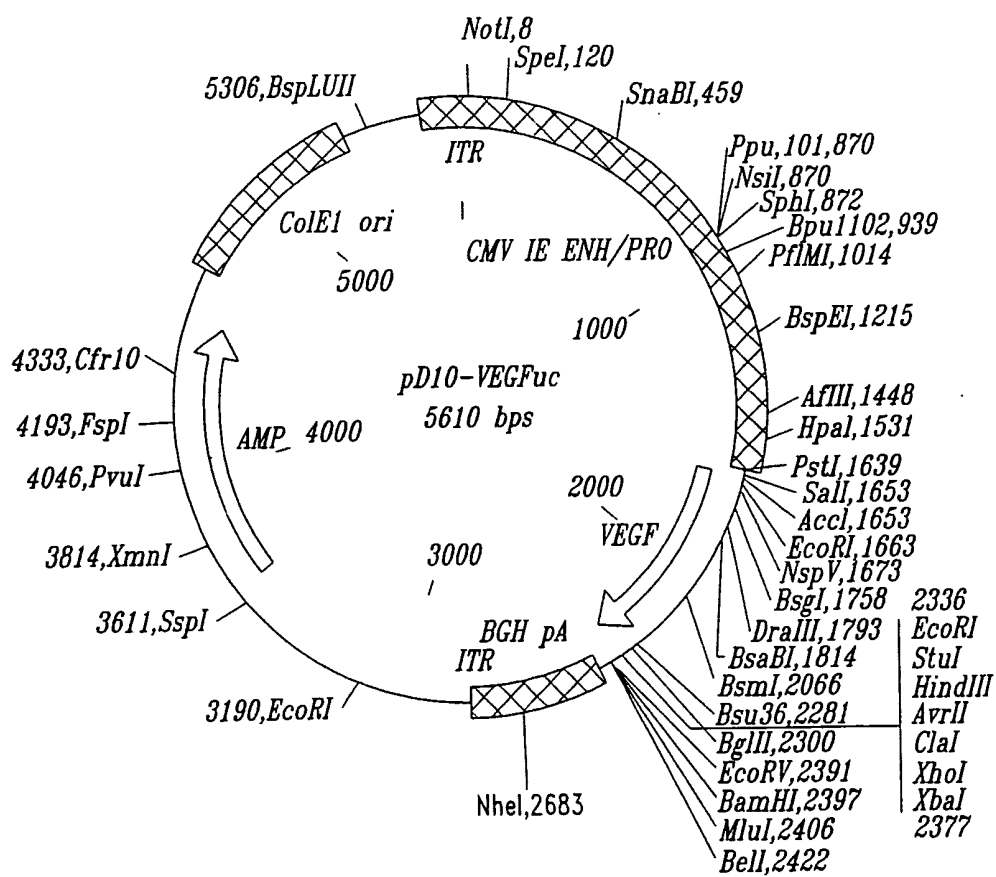


Fig. 21

Nucleotide Sequence of pD10-VEGFuc

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Fig. 22A

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Fig. 22B

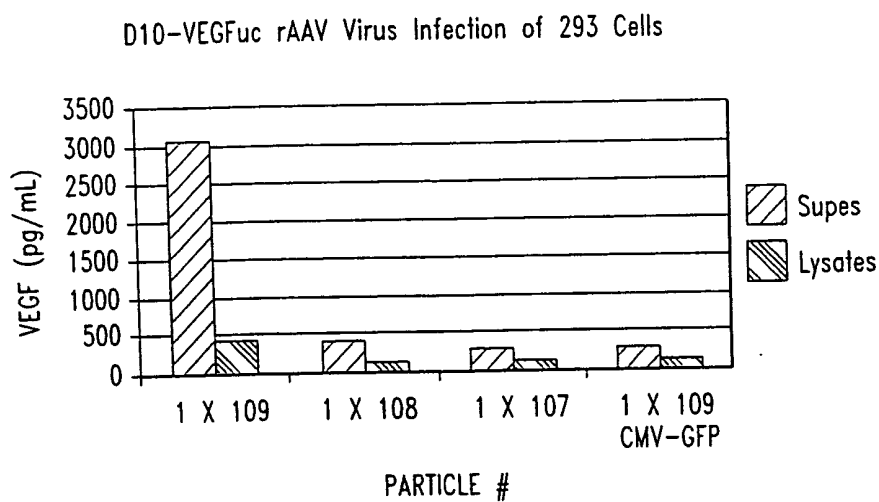
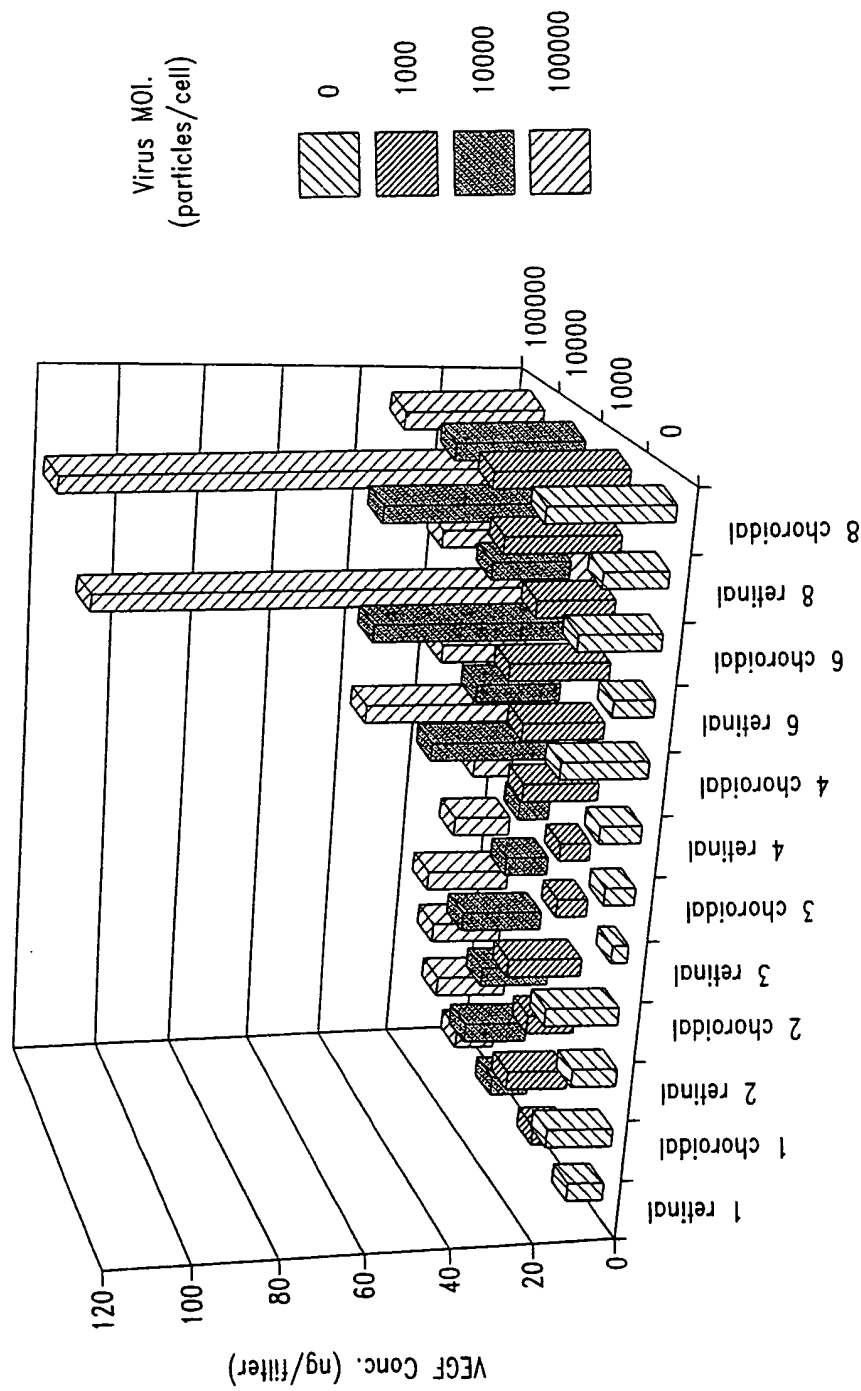


Fig. 23



Time after transfection (Day) and Polarity

Fig. 24

VEGF Secretion by hRPE After Infection with VEGF AV

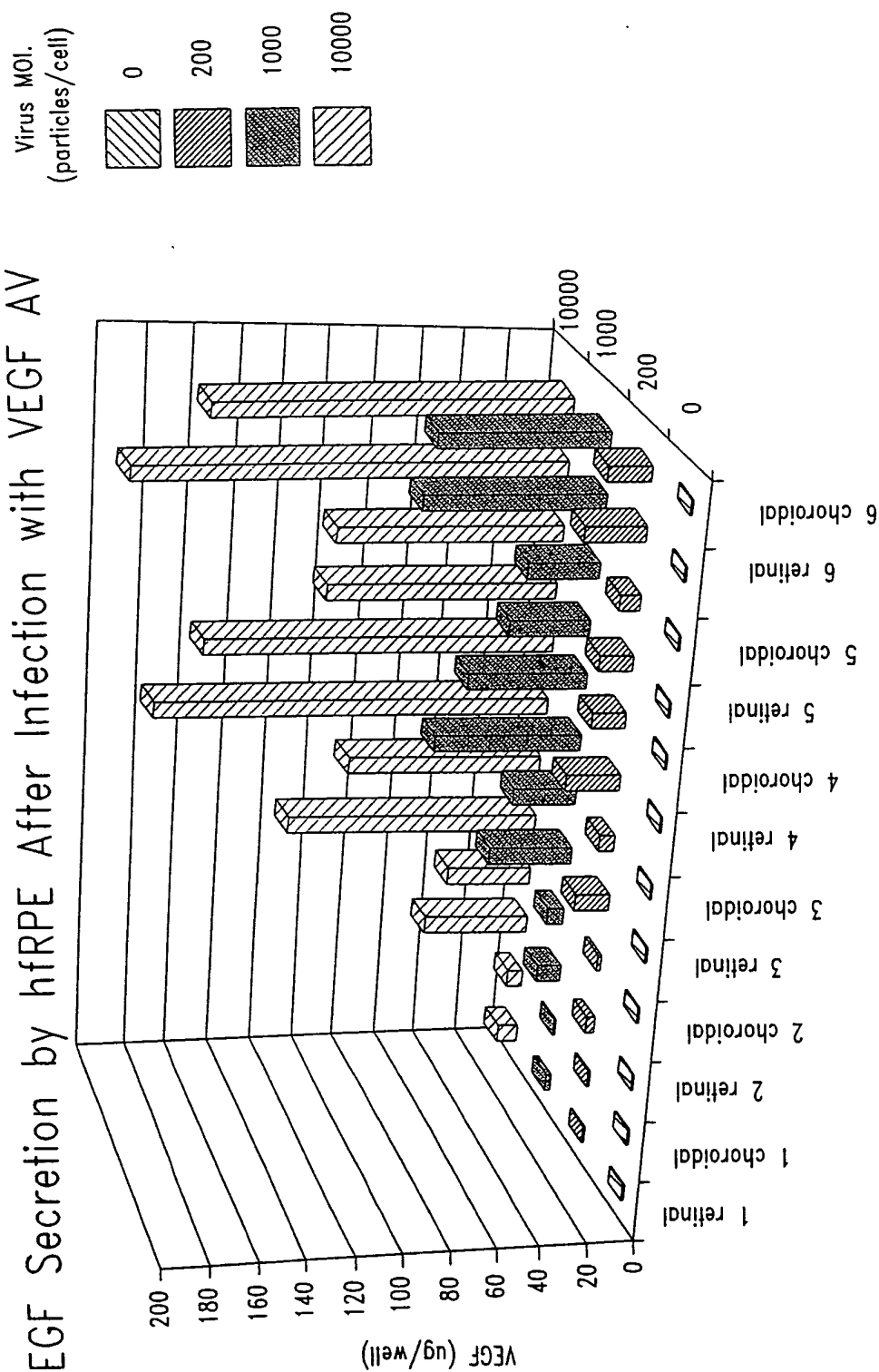


Fig. 25

Time after Infection (Day) and Polarity

Resistance of hRPE After Infection with VEGF AV

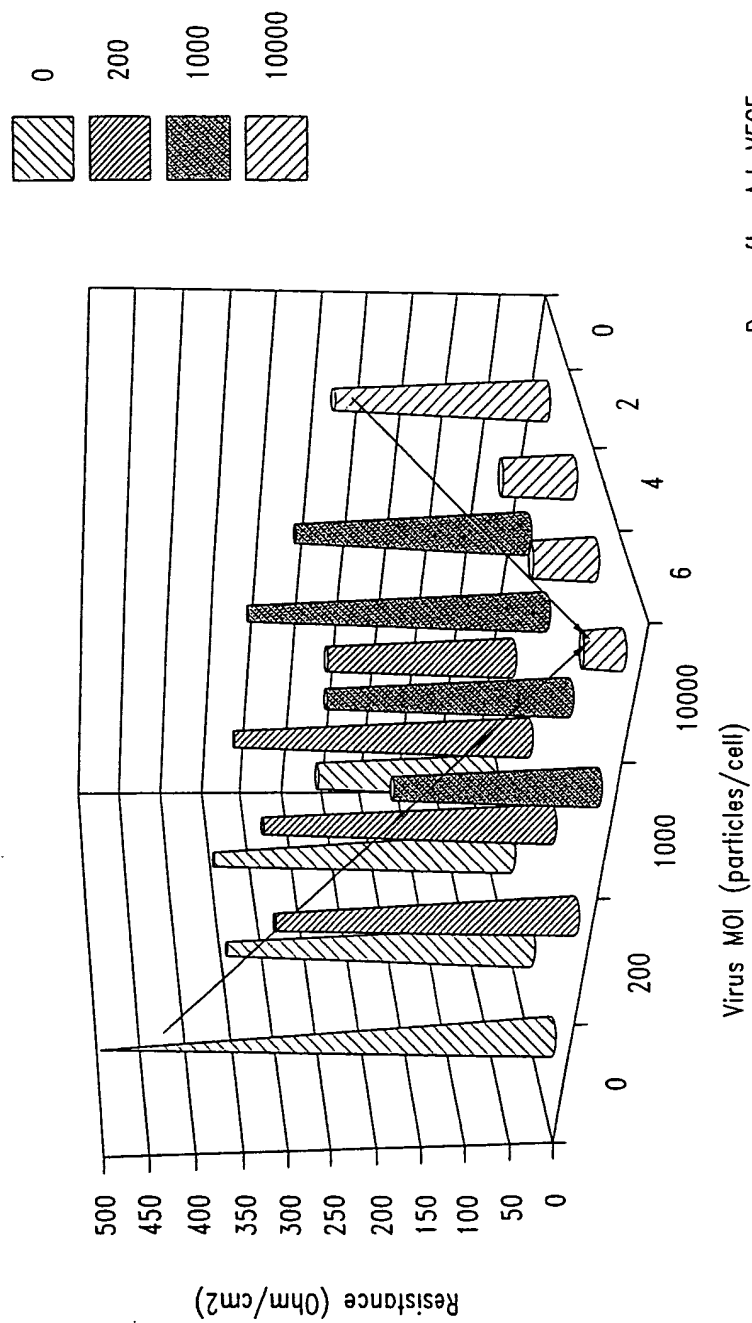


Fig. 26

1009000W.060W0R

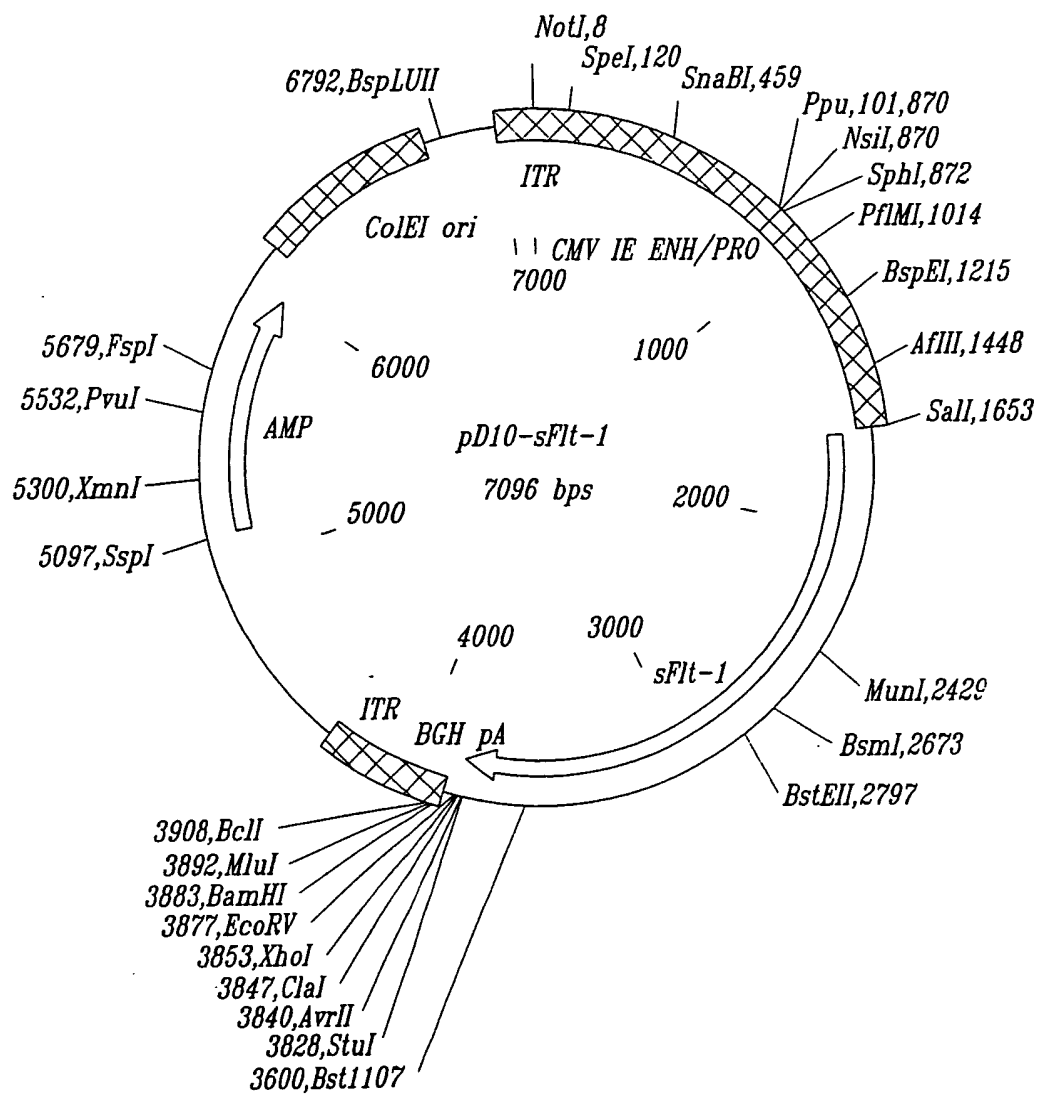


Fig. 27

Nucleotide Sequence of pD10-SFlt-1

AAAACTTGGCCGCGGAATTCGACTCTAGGCCATTGCATACGTTGTATCTATATCATAATATGTACATTTATATTGGCTCATGTCCAATATGACCGC
 CATGTTGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTTCATAGCCCATATATGGAGTTCGCGTTACATAACTTACGG
 TAAATGGCCCGCTGGCTGACCGCCCAACGACCCCGCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCCATTGAC
 GTCAATGGGTGGAGTATTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGATCATATGCCAAGTCGCCCCCTATTGACGTCAATGACGGTAAAT
 GGCCCGCTGGCATTATGCCAGTACATGACCTTACGGGACTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGATGGCGT
 TTTGGCAGTACACCAATGGCGTGGATAGCGGTTTGACTCACGGGATTTCCAGTCTCCACCCATTGACGTCAATGGGAGTTTGTGTTGGCACAAA
 ATCAACGGGACTTTCCAAATGTCGTAATAACCCGCGCCGTTGACGCAATGGGCGTAGGCGGTACGGTGGGAGGTCTATATAAGCAGAGCTCGTT
 TAGTGAAACGTCAGATCGCTGGAGACCCATCCACGCTGTTTTGACCTCCATAGAAGACCCGGGACCGATCCAGCTCCGCGGCGGGAAACGGTGCA
 TTGGAACGCGGATCCCCGTGCCAAGAGTGACGTAAGTACCGCTATAGACTCTATAGGCACACCCCTTTGGCTCTTATGCATGCTATACTGTTTTGG
 CTTGGGGCTATACACCCCGCTCCTTATGCTATAGGTGATGGTATAGCTTAGCTTATAGGTGTGGGTTATTGACCATTATTGACCACTCCCTATTGG
 TGACGATACCTTCCATTACTAATCCATAACATGGCTCTTTGCCACAATATCTCTATTGGCTATATGCCAATCTCTGTCTTCAGAGACTGACACGGA
 CTCTGTATTTTACAGGATGGGTCATTTATTATTACAAATTCACATATACAACACGCGCTCCCCGTGCCCGCAGTTTTTATTAACATAGCGTG
 GGATCTCCGACATCTCGGGTACGTGTTCCGGACATGGGCTCTTCTCCGTAGCGGCGGAGCTTCCACATCCGAGCCCTGGTCCATCCGTCCAGCGCT
 CATGGTCGCTCGGACGCTCCTTGCTCTAACAGTGGAGGCCAGACTTAGGCACAGCACAATGCCACCACCAGTGTGCCGACAAGGCCGTGGCGG
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 TGTGTATTCTGATAAGAGTCAGAGGTAACCTCCGTTGCGGTGCTGTTAACGGTGGAGGCGAGTGTAGTCTGAGCAGTACTCGTTGCTGCGCGCGCGC
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 TCAGTACTGGGACACCGGGTCTGCTGTGCGGCTGCTCAGCTGTCTGCTTCTCAGGATCTAGTTCAAGTTCAAATTAAGATCTGGAAGTGA
 GTTAAAAGGCCACAGCACATCATGCAAGCGGCCAGACACTGCATCTCCAATGCAGGGGGGAGCAGCCATAAATGGTCTTTCCTGAAATGGTGA
 GTAAGGAAAGCGAAGGCTGAGCATACTAAATCTGCTGTGGAAGAAATGGCAACAATCTGCAGTACTTAACTTGAACACAGCTCAAGCAAAAC
 ACACTGGCTTCTACAGCTGCAATATCTAGCTGTACCTACTTCAAAGAAGAGGAAACAGAATCTGCAATCTATATTTATTAGTGATACAGGTAGAC
 CTTTCGTAGAGATGTACAGTGAATCCCCGAAATTATACATGACTGAAGGAAGGAGCTCGTCAATCTTCCGCGGTTACGTACCTAACATCACTG
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 AAATAAGCACACCACCGCCAGTCAAAATTACTTAGAGGCCATACTCTTGCTCAATTGTACTGTACCACTCCCTTGAACACGAGAGTTCAAATGACCT
 GGAGTTACCTGATGAAAAAATAAGAGAGCTTCCGTAAGGCGACGAATTGACCAAGCAATCCCATGCCAACATATTCTACAGTGTCTTACTATTG
 ACAAATGCAAGAACAAAGACAAGGACTTTATACCTGTGTAAGGAGTGGACCATCTCAATCTGTTAACACCTCAGTGCAATATATGATAAAG
 CATTCACTCACTGTGAACATCGAAAAAGCAGGTGCTTGAACCGTAGCTGGCAAGCGGCTTACCGGCTCTCTATGAAAGTGAAGGCATTTCCCTCGC
 CGGAAGTGTATGGTTAAAAGATGGGTACCTGCGACTGAGAATCTGCTCGCTATTTGACTCGTGGCTACTCGTTAATTATCAAGGACGTAACGAAG
 AGGATGCAGGGAATTATACAATCTGCTGAGCATAAAACAGTCAAAATGTGTTTAAAAACCTCACTGCCACTCTAATTGTCAATGTGAACCCAGATT
 ACGAAAAGGCGGTGTCATCGTTCCAGACCCGGCTCTTACCCACTGGGACGACAGCAATCTGACTGTACCGCATATGGTATCCCTCAACCTACAA
 TCAAGTGGTTCTGGCACCCCTGTAAACATAATCATTCCGAAGCAAGGTGTGACTTTTGTCCAATAATGAAGAGTCTTTATCTGGATGCTGACAGCA
 ACATGGGAAACAGAATTGAGAGCATCACTCAGCGCATGGCAATAATAGAAGGAAAGAAATAGATGGCTAGCACCTTGGTTGTGGCTGACTCTAGAATTT
 CTGGAATCTACATTTGCATAGCTTCCAATAAGTTGGGACTGTGGGAAGAAACATAAGCTTTTATATCACAGATGTCCAAATGGGTTTCATGTTAACT
 TGGAAAAATGCGCAGGAAGGAGAGGACCTGAAACTGTCTGCACAGTTAAACAAGTTCTTATACAGAGAGCTTACTGGATTTTACTGCGGACAGTTA
 ATAACAGAACATGCACTACAGTATTAGCAAGCAAAAAATGGCCATCACTAAGGAGCACTCCATCACTCTTAATCTTACCATCATGAATGTTTCCCTGC
 AAGATTCAAGCACCTATGCTGACAGCCAGGAATGTATACAGGGGAAGAAATCTCCAGAAGAAAGAAATTACAATCAGAGGTGAGCACTGCAACA
 AAAAGGCTGTTTTCTCGGATCTCCAAATTTAAAGCACAAGGAATGATTGTACACACAAGTAATGTAAAAATTAAAGGACTCATTAAAAAGTAA
 CAGTTGTCTCATATCATCTTGATTATTGTCACTGTTGCTAACTTTCAAGCTCAAGGCGAATTCAAGGCTTCCAGGTATCGATCTCGAGCA
 GTCTAGAAAGCATGGATATCGGATCCACTACGCTTAGAGCTCGCTGATCAGCTCGACTGTGCTTCTAGTTGCCAGCCATCTGTTGTTGCCCTC

Fig. 28A

CCCCCTGCTTCTTGACCTGGAAGGTGCCACTCCACTGTCTTTCCTAATAAATGAGGAAATTCATCGCATTGCTGAGTAGGTGTCATTCTAT
 TCTGGGGGTGGGGTGGGCAGGACAGCAAGGGGAGGATTGGGAAGACAATAGCAGGGGGTGGGCGAAGAACTCCAGCATGAGATCCCCGGCTGGA
 GGATCATCCAGCTAGCAAGTCCCATCAGTGATGGAGTTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGACCAAGGTGCGCCGA
 CGCCCGGGCTTTGCCGGGGCGCTCAGTGAGCGAGCGAGCGCCAGCGATTCTCTGTTTGTCTCAGACTCTCAGGCAATGACCTGATAGCCTTTGT
 AGAGACCTCTCAAAATAGCTACCTCTCCGGCATGAATTTATCAGCTAGAACGGTTGAATATCATATTGATGGTGATTGACTGTCCTCGGCTTTCT
 CACCCGTTTGATCTTTACCTACACATTACTCAGGCATTGCATTAAAAATATAGAGGGTTCAAAATTTTATCCTTGGCTTGAATAAAGGCTTCT
 CCGCAAAAGTATTACAGGGTCATAATGTTTTGGTACAACCGATTAGCTTTATGCTCTGAGGCTTTATTGCTAATTTTGCTAATTTTGCTTGC
 CTGTATGATTTATTGGATGTTGGAATTCCTGATGCGGATTTTCTCCTACGCATCTGTGCGGATTTTACACCGCATATGGTGCACTCTCAGTACAAT
 CTGCTCTGATGCGCATAGTTAAGCCAGCCCCGACACCCGCCAACCCGCTGACGCGCTTGACGGGCTTGTCTGCTCCGGCATCCGCTTACAGACA
 AGCTGTGACCGTCTCCGGGAGTGCATGTGTAGAGGTTTACCCTCATCACCAGAACGCGGAGACGAAAGGGCTCGTGATACGCTATTTTATA
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 TCCCTTTTTTGGCGCATTTTGCCTTCTGTTTTGCTCACCCAGAACGCTGGTGAAGTAAAGATGCTGAAGATCAGTTGGGTGCAGAGTGGGTTA
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 GGTATTATCCGTATTGACGCCGGCAAGAGCAACTCGGTGCGCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTCACCAGTCACAGAAAAGCA
 TCTTACGATGGCATGACAGTAAGAGAATTATGCAAGTGTGCCATAACCATGAGTGATAACACTGCGGCCAATTACTTCTGACAACGATCGGAGGACC
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 GGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGCTGGCTGGTTATTGCTGATAAATCTGGAGCCGCTGAGCGTGGGTCTCGCG
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 CGCTGAGATAGGTGCTCACTGATTAAAGCATTGGTAACCTGTGAGACCAAGTTTACTCATATATACCTTAGATTGATTTAAACCTTCAATTTTAA
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 AGGATCTTCTGAGATCTTTTTTCTGCGCGTAATCTGCTGCTTGCAAAACAAAAAACCCGCTACAGCGGTGGTTTGTGTTGCGGATCAAGAGCT
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 TGAGCTATGAGAAAGCGCCAGCTTCCGAAGGGAGAAAGCGGACAGGTATCCGGTAAGCGGCAAGGTCGGAACAGGAGCGCACGAGGGAGCTTCC
 AGGGGAAACGCTGGTATCTTTATAGTCTGTCGGGTTTCCGACCTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGGGGCGGAGCCTATG
 GAAAAACGCGCAGCAACGCGCTTTTACGGTTCTTGGCTTTTGTGCGCTTTTGTCTCACATGTTCTTCTGCGTTATCCCTGATTCTGTGGATAA
 CCGTATTACCGCTTTGAGTGAGCTGATACCGCTCGCCGACCGAACGACCGCAGCGAGTCAGTGAGCGAGGAAGCGGAAGAGCGCCCAATACG
 CAAACCGCTCTCCCCGCGGTGGCGGATTCATTATGCACTGCGCGCTCGCTCGCTCACTGAGGCCGCCGGGCAAGCCGGGCTCGGGCGAC
 CTTTGGTCCGCCGCTCAGTGAGCGAGCGCGCAGAGAGGAGTGGCCAACTCCATCACTGAT

Fig. 28B

HumanFGF-20

atggctcccttagccgaagtcggggcctttctgggcgcctggaggccttggccagcag
M A P L A E V G G F L G G L E G L G Q Q

gtgggttcgcatttcctgttcctcctgccgggagcggccgcctgctgggcgagcgc
V G S H F L L P P A G E R P P L L G E R

aggagcgcggcgagcggagcgcgcggcgggcggggctgcgcagctggcgacactg
R S A A E R S A R G G P G A A Q L A H L

cacggcatcctgcgccggcagctctattgccgcaccggcttcacactgcagatcctg
H G I L R R R Q L Y C R T G F H L Q I L

cccgcgcgcagcgtgcaggcaccggcaggaccacagcctcttcggtatcttgaattc
P D G S V Q G T R Q D H S L F G I L E F

atcagtgtggcagtgaggactggtcagttatagaggtgtggacagtggtctctatcttga
I S V A V G L V S I R G V D S G L Y L G

atgaatgacaaaggagaactctatggatcagagaaacttacttccgaatgcattttagg
M N D K G E L Y G S E K L T S E C I F R

gagcagtttgaagagaactggtataacacattcatctaacatatataaacatggagac
E Q F E E N W Y N T Y S S N I Y K H G D

actggccgcaggtatattgtggcacttaacaagacggaactccaagagatggcgcagg
T G R R Y F V A L N K D G T P R D G A R

tccaagaggcatcagaaatttacatttcttacctagaccagtgatccagaaagagtt
S K R H Q K F T H F L P R P V D P E R V

ccagaattgtacaaggacctactgatgtacacttga
P E L Y K D L L M Y T

Fig. 29



Mouse FGF-21 cDNA in pGEM-T

```
gagcgcagccctgatggaatggatgagatctagagttgggacccctgggactgtgggtccg  SEQ ID NO: 1
      M E W M R S R V G T L G L W V R  SEQ ID NO: 2

actgctgctggctgtcttcctgctgggggtctaccaagcatacccatccctgactccag
L L L A V F L L G V Y Q A Y P I P D S S

ccccctcctccagtttgggggtcaagtccggcagaggtacctctacacagatgacgacca
P L L Q F G G Q V R Q R Y L Y T D D D Q

agacactgaagccacctggagatcaggagaggtgaacagtggtaggcgcagcacaccg
D T E A H L E I R E D G T V V G A A H R

cagtcagaaagtctcctggagctcaaagccttgaagccaggggtattcaaatcctggg
S P E S L L E L K A L K P G V I Q I L G

tgcaaacctctaggtttctttgccaacagccagatggagctctctatggatgcctca
V K A S R F L C Q Q P D G A L Y G S P H

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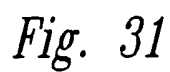
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A T S W G P V R F L P M P G L L H E P Q

agaccaagcaggattcctgccccagagccccagatgtgggctcctctgacccctgag
D Q A G F L P P E P P D V G S S D P L S

catggtagagcctttacagggccgaagccccagctatgcgtcctgactcttctgaatc
M V E P L Q G R S P S Y A S
```

Fig. 30



AAAAAGTGGGCGCGGAATTCGACTCTAGGCCATTGCATACGTTGTATCTATATCATAATGTACATTTATATTGGCTCATGTCCAATATGACC
 GCCATGTTGACATTGATTATTGACTAGTTAATAAGTAATCAATTACGGGGTCATTAGTTTCATAGCCCATATATGGAGTTCGGCGTTACATAACTT
 ACGGTAATGGCCCGCTGGCTGACGCCCAACGACCCCGCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCC
 ATTGACGTCAATGGGTGGAGTATTACGGTAAGTGCCTTGGCAGTACATCAAGTGATCATATGCCAAGTCCGCCCTATTGACGTCAATGA
 CGGTAATGGCCCGCTGGCATTATGCCAGTACATGACCTTACGGGACTTTCTACTTGGCAGTACATCAAGTATTAGTCATCGCTATTACCATG
 GTGATGCGGTTTTGGCAGTACACCAATGGGCGTGGATAGCGGTTTACTCACGGGATTTCCAAGTCTCCACCCATTGACGTCAATGGGAGTTTGT
 TTTGGCACC AAAATCAACGGGACTTTCCAAAATGTCGTAATAACCCCGCCCGTTGACGCAATGGGCGTAGGCGGTACGGTGGGAGGTCATAT
 AAGCAGAGCTCGTTAGTGAACCGTCAGATCGCTGGAGACGCCATCCACGCTGTTTGGCTCCATAGAAGACACGGGACCGATCCAGCCTCCGC
 GGCGGGAACGGTGATTGGAACGGGATCCCGTGCCAAGAGTGACGTAAGTACCGCTATAGACTCTATAGGCACACCCCTTTGGCTCTTATGC
 ATGCTATACTGTTTTGGCTTGGGCTTATACACCCCGCTCCTTATGCTATAGGTGATGATAGCTTAGCCTATAGGTGTTGGGTTATTGACCAT
 ATTGACCACTCCCTATTGGTGACGATCTTCCATTACTAATCCATAACATGGCTCTTTGCCACAATATCTCTATTGGCTATATGCCAATCTCT
 GTCTTCAGAGACTGACAGGACTCTGTATTTTACAGGATGGGTCCATTTATTTTACAAATTCACATATACAAACGCCGTCCTCCCGTGCC
 GCAGTTTTTAAACATAGCGTGGGATCTCCGACATCTCGGTACGTTTCCGGACATGGGCTCTTCTCGGTAGCGCGGAGCTTCCACATCCGA
 GCCCTGGTCCCATCGTCCAGCGGTCATGGTCGTCGGCAGCTCCTTGCTTAACAGTGGAGGCCAGACTTAGGCACAGCACAATGCCACCAACC
 ACCAGTGTGCGCCACAAGGCGGTGGCGGTAGGGTATGTGTCTGAAAATGAGCTCGGAGATTGGGCTCGCACCTGGACGAGATGGAAGACTTAAGGC
 AGCGGCAGAGAAGATGAGGCAGCTGAGTTGTTGTATTCTGATAAGAGTCAGAGGTAATCCCGTTGCGGTGCTGTTAACGGTGGAGGGCAGTGTA
 GTCTGAGCAGTACTGTTGCTGCGCGCGGCCACAGACATAATAGCTGACAGACTAACAGACTGTTCTTTCCATGGGCTTTTCTGCACTGACC
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 CCACACATCAAATCAACTTCAAGCAGAAGAGAGAGGGGTGTGTCTATCAAAGAGTGTGTGCAACCGTTACCTTGCTATGAAAGAAGATGGAA
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 TTGGTATGTGGCACTGAACGAACCTGGGAGTATAAATGGATCCAAAACAGGACCTGGGAGAAAGCTATACTTTTCTTCCAAATGTCTGCTAAG
 AGCTGATCTTAATGGCAGCATCTGATCTCATTTTACATGAAGCTTCTAGGTATCGATCTCGAGCAAGTCTAGAAAGCCATGGATATCGGATCCACT
 ACGCGTTAGAGCTCGCTGATCAGCTCGACTGTGCTTCTAGTTGCCAGCCATCTGTTGTTGGCCCTCCCGGTGCTTCTTGACCTGGAAGGT
 GCCACTCCCACTGTCTTCTAATAAAATGAGGAAATGCATCGCATTGTCTGAGTAGGTGTCATTCTATTCTGGGGGTGGGGTGGGGCAGGACA
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 TCAGTAGTGAGTTGGCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGACCAAGGTGCGCGACGCCGGGCTTTGCCGGGCGG
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 AGGGTCATAATGTTTTGGTACAACCGATTAGCTTTATGCTCTGAGGCTTTATGCTTAATTTTGCTAATCTTGCTTGCTGTATGATTATT
 GGATGTTGGAATTCCTGATGCGGTATTTCTCTACGCATCTGTGCGGTATTTACACCGCATATGGTGCACTCTCAGTACAATC

Fig. 32A

TGCTCTGATGCCGATAGTTAAGCCAGCCCCGACACCCGCCAACCCGCTGACGCGCCCTGACGGGCTTGCTGCTCCGGCATCCGCTTACAGAC
AAGCTGTGACCGTCTCCGGGAGCTGCATGTGTGAGAGTTTTACCGTATCACCGAAACGCGGAGACGAAAGGGCTCGTGATACGCTATTTTT
ATAGGTTAATGTATGATAATAATGTTTTCTAGACGTGAGTGGCACTTTTCGGGAAATGTGCGGGAACCCCTATTTGTTATTTTTCTAAATA
CATTCAAATATGTATCCGCTCATGAGACAATAACCTGATAAATGCTTCAATAATGTACCGTCAAGAAGGCGATAGAAGGCGATGCGCTGCGAATC
GGGAGCGGCGATACCGTAAGCAGGAGGAAGCGGTGAGCCATTGCTTCAGCAATATCACGGGTAGCCAACGCTATGTCTGATAGCGGTCCGCCA
CACCCAGCGGCCACAGTCGATGAATCCAGAAAAGCGGCCATTTCCACCATGATATTCGGCAAGCAGGCATCGCCATGGGTACGACGAGATCCTC
GCCGTCGGGCATGCGCGCTTGAGCCTGGCGAACAGTTCGGCTGGCGGAGCCCCGATGCTCTTCGTCAGATCATCTGATCGACAAGACCGGCT
TCCATCCGAGTACGTGCTCGCTCGATGCGATGTTTCGCTTGGTGGTCAATGGGAGGTAGCCGATCAAGCGTATGACGCGCCGATTGATCAG
CCATGATGGATACTTTCTGGGAGGAGCAAGGTGAGATGACAGGAGATCCTGCCCGGCACTTCGCCCAATAGCAGCAGTCCCTTCCGCTTCAGT
GACAACGTGAGCAGAGTCGCAAGGAACGCCGCTGCTGGCCAGCCAGCATAGCCGCGCTGCCCTGCTCTGCAAGTTCATTAGGGCACCGGACAGG
TCGGTCTTGACAAAAGAACCGGGCGCCCTGCGCTGACAGCCGGAACCGGCGCATCAGAGCAGCCGATTGCTGTGTGCCAGTCATAGCCGA
ATAGCCTCTCCACCCAAGCGCGCGGAGAACCTGCGTGAATCCATCTTGTTCATCATGCAACGATCCTCATCTGTCTTTGATCAGATCTTGA
TCCCCTGCGCATCAGATCTTGGCGGCAAGAAAGCCATCCAGTTTACTTTGCAAGGCTTCCCAACCTTACCAGAGGGCGCCGAGTGGAATTC
GGTTCGCTGTGCTCATAAAACCGCCAGCTAGCTATCGCCATGTAAGCCACTGCAAGCTACCTGCTTCTCTTTGCGCTTGGCTTTTCCCTTG
TCCAGATAGCCGAGTAGCTGACATTATCCGGGTGAGCACCCTTCTGCGGACTGGCTTCTACGCTGCTCGCTTCTTTAGCAGCCCTTGGCGCC
TGAGTGTCTGGCGAGCGTGAAGCTGTCAATCCGCGTTAAATTTTGTAAATCAGTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCT
TATAAATCAAAAGATAGCCGAGATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAGAAGCTGGACTCCAACGTTCAAGGGC
GAAAAACCGTCTATCAGGGCGATGGCGGATCAGCTTATGCGGTGTGAAATACCGCACAGATGCGTAAGGAGAAAAATACCGCATCAGGCGCTCTTCCG
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GTAAGTATCGCTTGTAGTCCAACCCGTAAGACACGACTTATCGCCACTGGCAGCAGCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGG
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Fig. 32B

1005048-000000

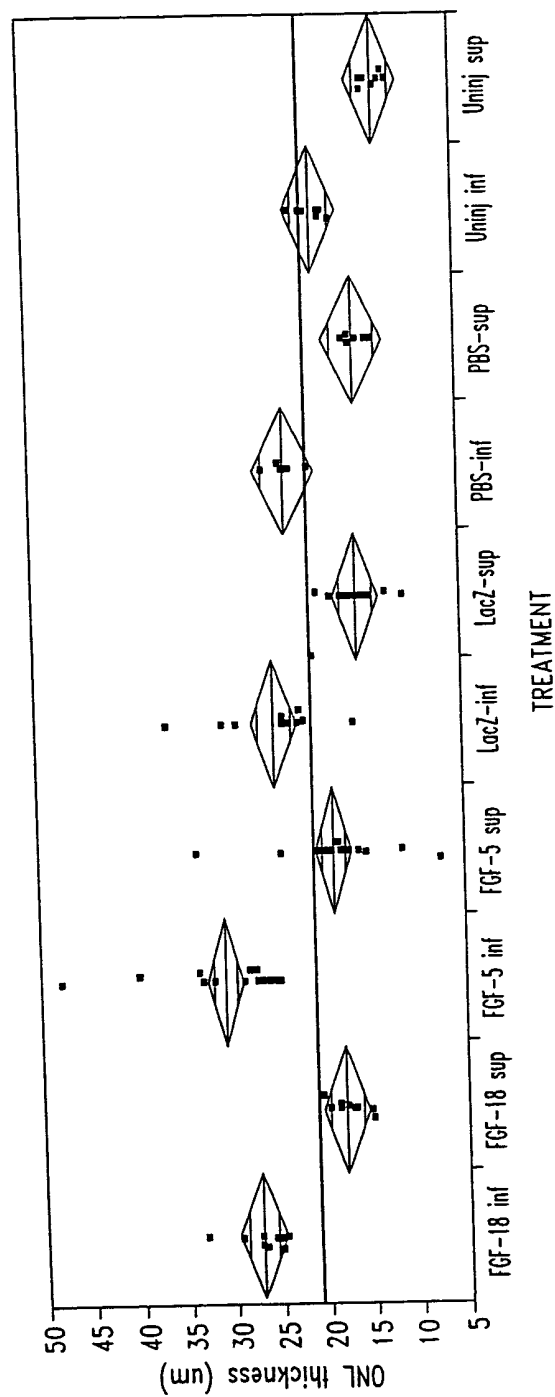
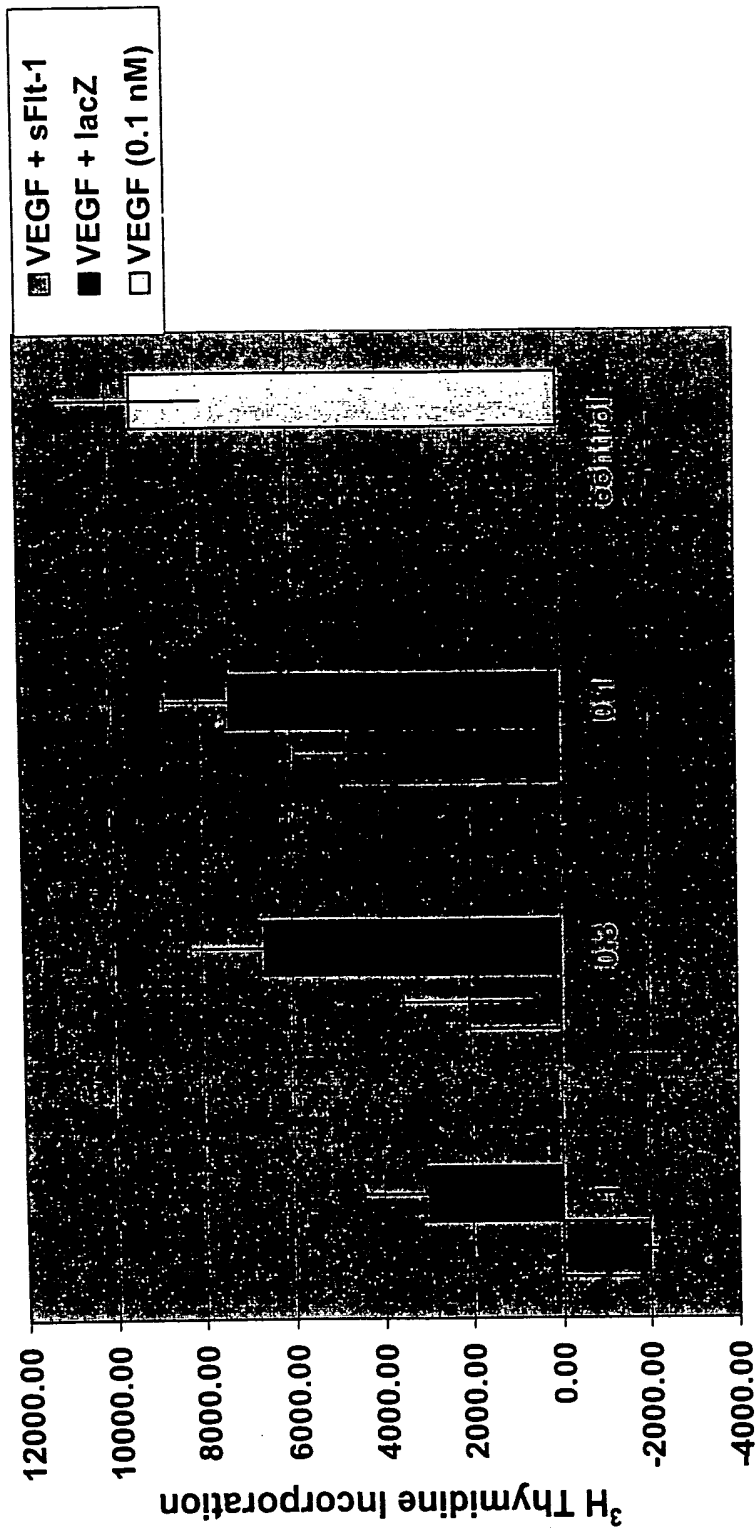


Fig. 33

Inhibition of HMVEC Proliferation by sFlt-1 rAAV



sFlt-1 Protein in Conditioned Media (in nM)

FIGURE 34



Figure 35. Fluorescein Angiography

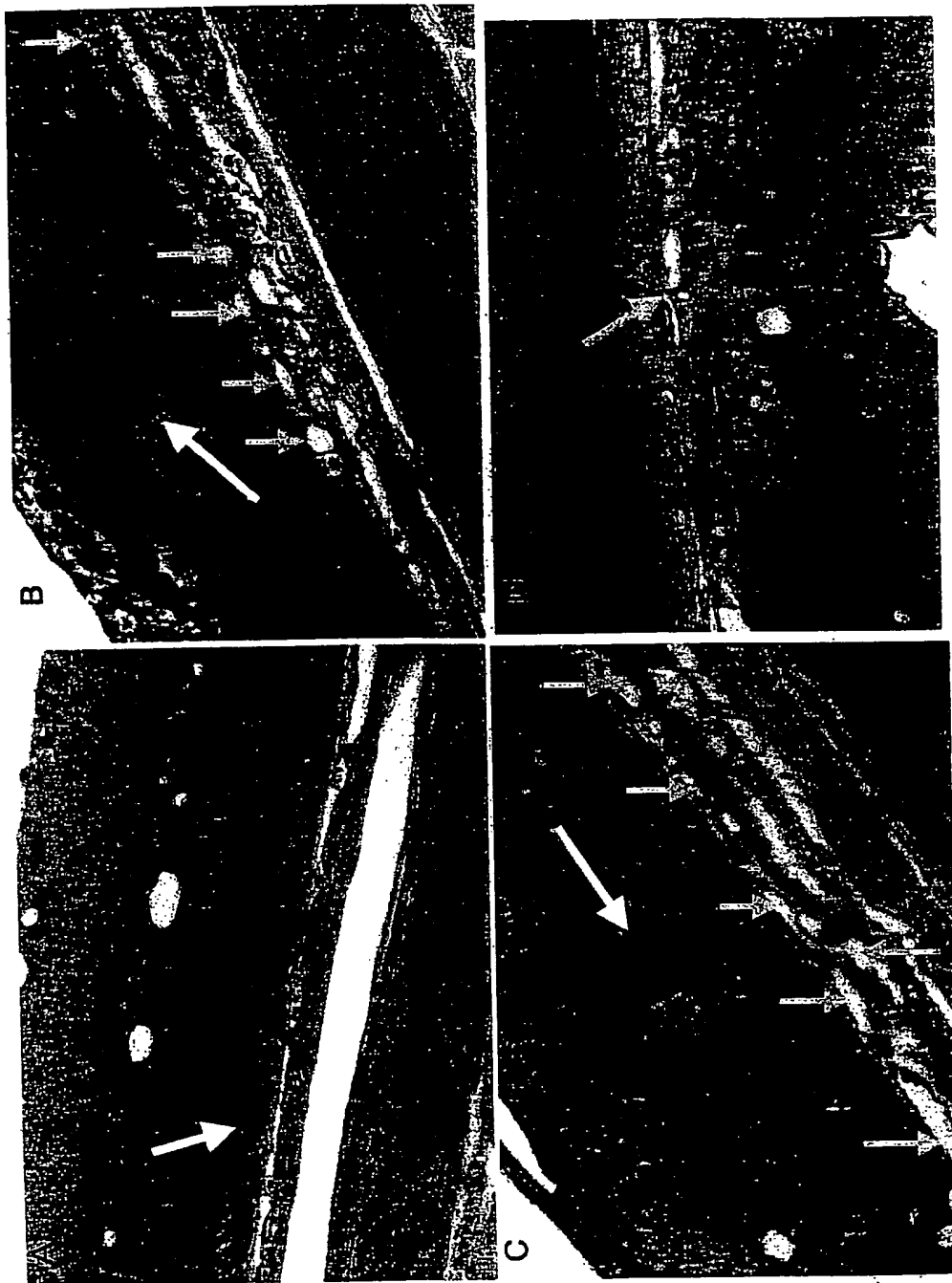


Figure 36. Epoxy Sections

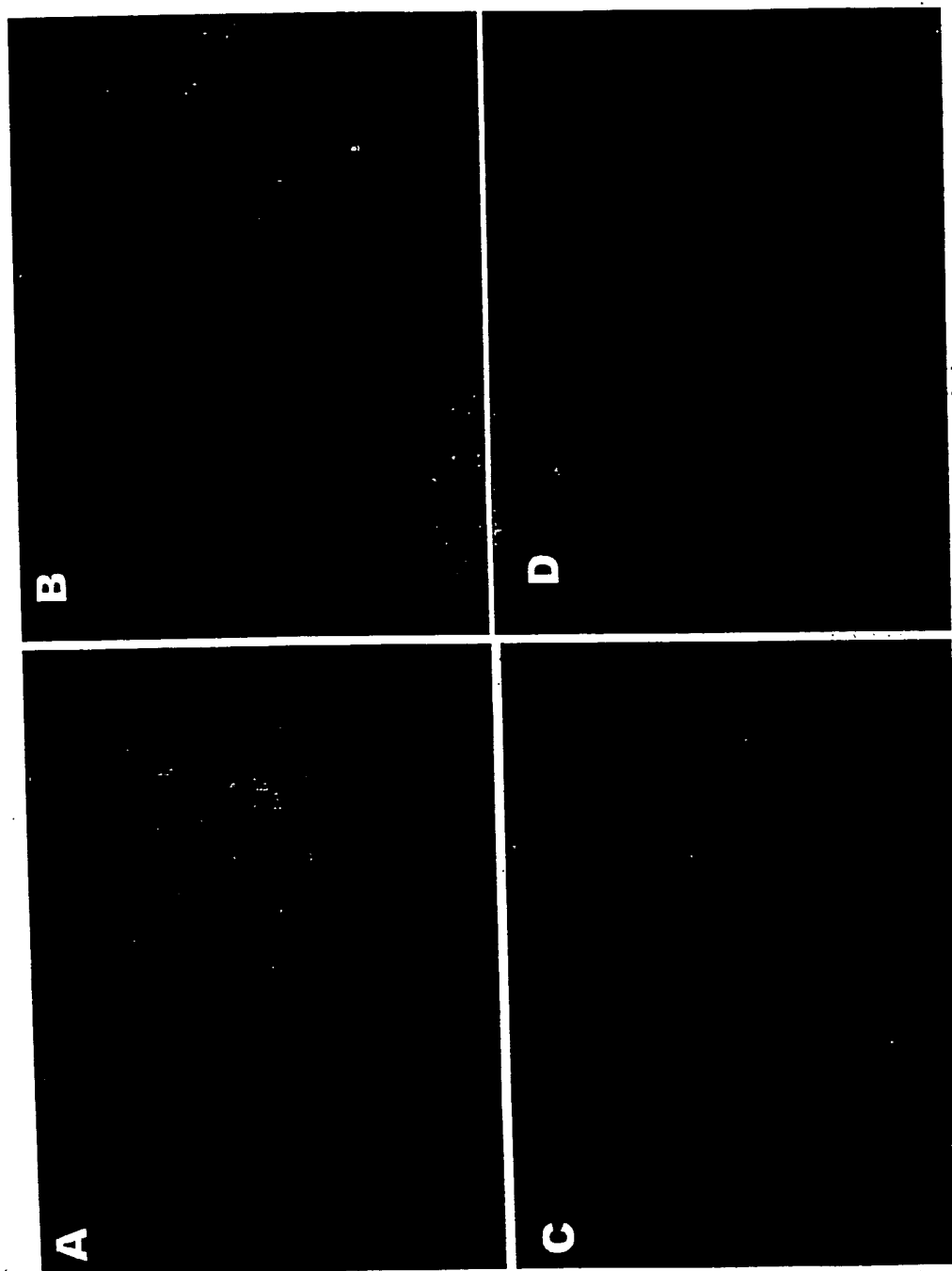


Figure 37. Lectin and BrdU staining

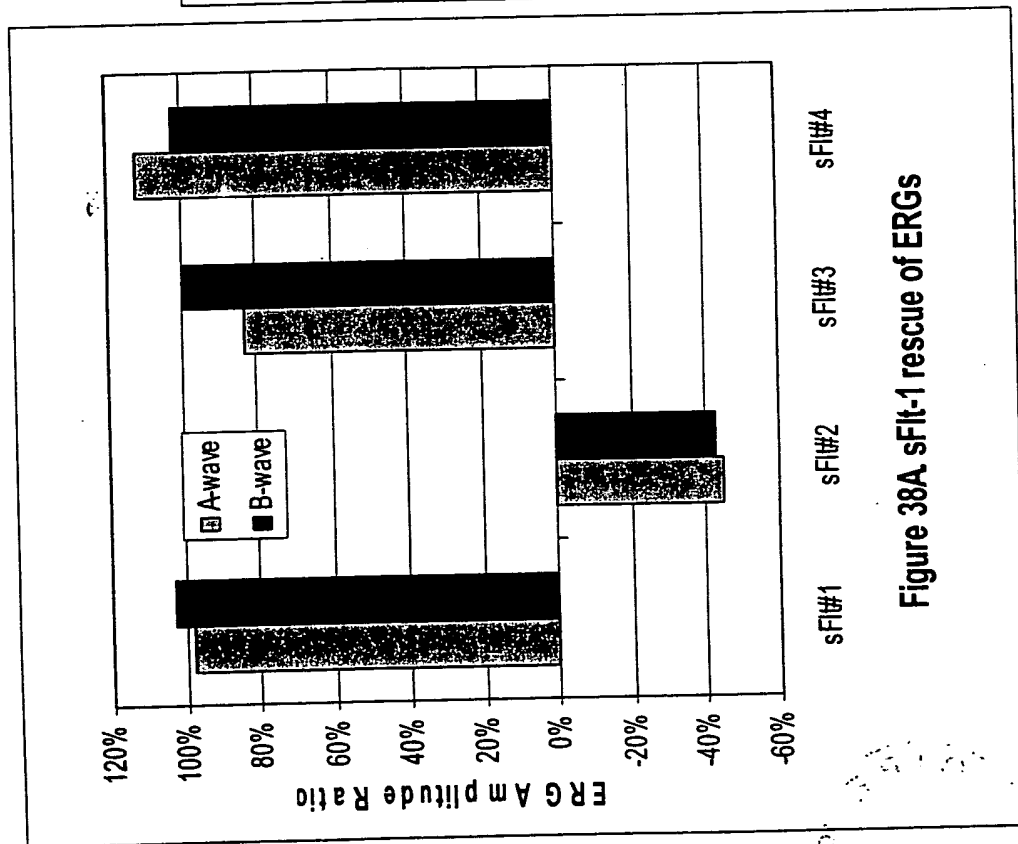


Figure 38A sFit-1 rescue of ERGs

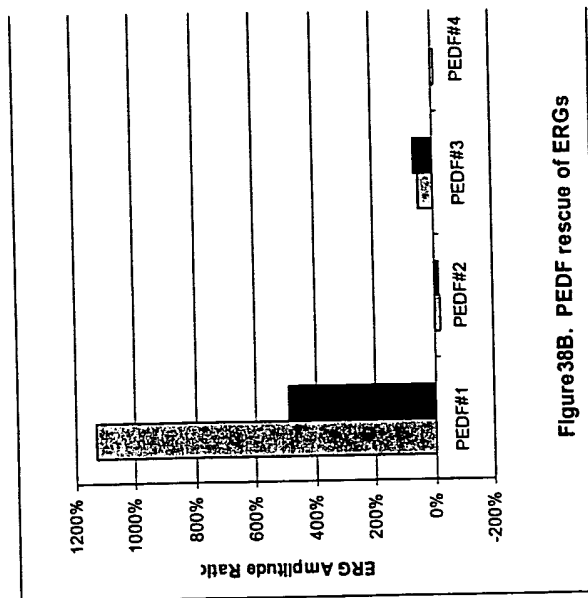


Figure 38B. PEDF rescue of ERGs

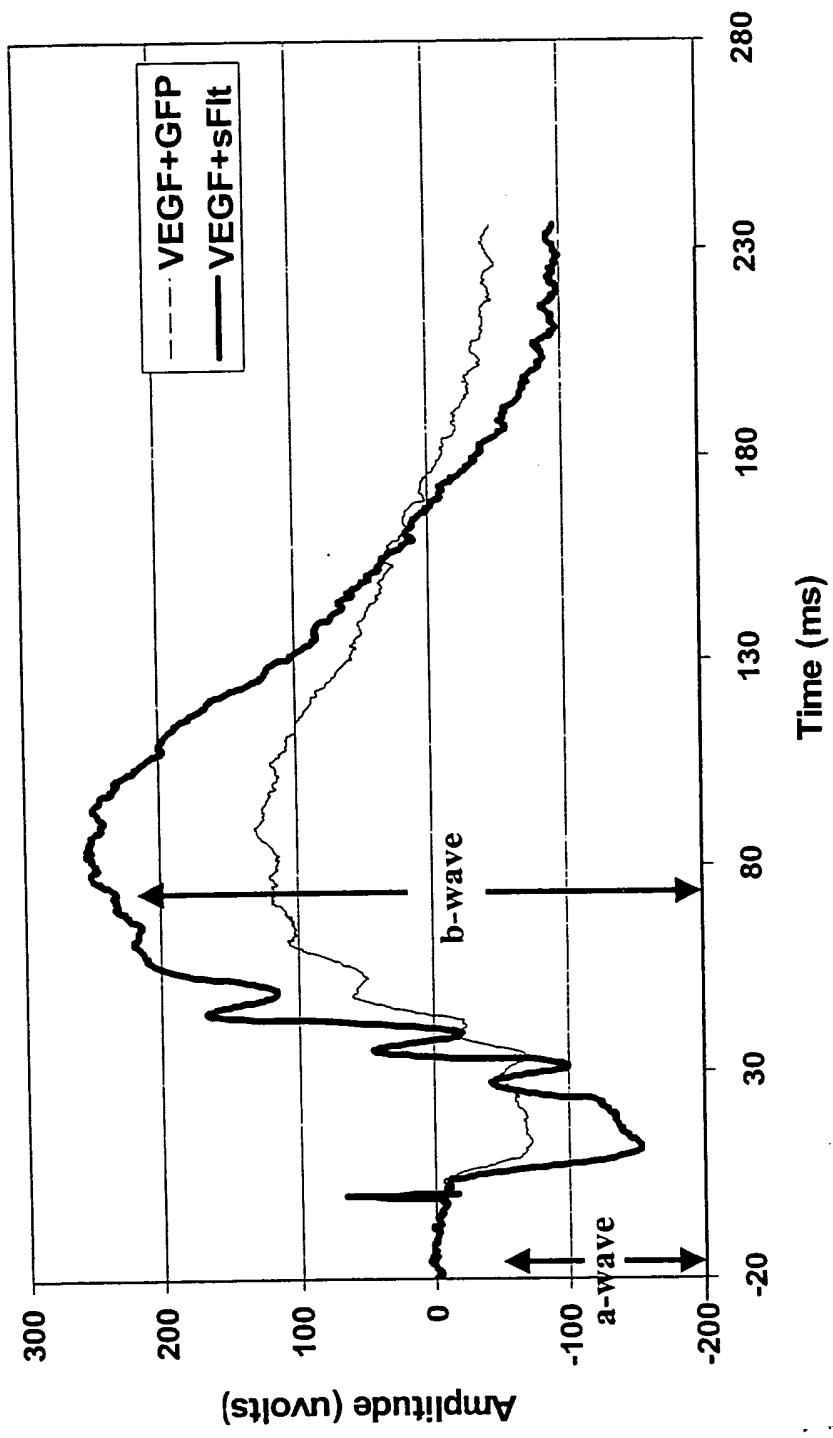


Figure 39. ERG of 070900 Rat#4 on 082300 (6 wk)